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1525 U.S. P.10
09/385584
09/27/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael B. Ball and Chad A. Cobbley

Serial No.: Not yet assigned

Filed: August 27, 1999

For: METHOD OF DISPOSING
CONDUCTIVE BUMPS ONTO A
SEMICONDUCTOR DEVICE AND
SEMICONDUCTOR DEVICES SO FORMED

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: 3817US (97-1350)

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability

as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

DOCUMENTS

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
4,922,321	May 1, 1990	Arai et al.
5,246,880	September 21, 1993	Reele et al.
5,361,695	November 8, 1994	Takagi et al.
5,388,327	February 14, 1995	Trabucco
5,442,852	August 22, 1995	Danner
5,460,316	October 24, 1995	Hefele
5,473,197	December 5, 1995	Idaka et al.
5,492,235	February 20, 1996	Crafts et al.
5,497,938	March 12, 1996	McMahon et al.
5,504,277	April 2, 1996	Danner
5,510,156	April 23, 1996	Zhao
5,519,580	May 21, 1996	Natarajan et al.
5,539,153	July 23, 1996	Schwiebert et al.
5,565,033	October 15, 1996	Gaynes et al.
5,586,715	December 24, 1996	Schwiebert et al.
5,593,080	January 14, 1997	Teshima et al.
5,600,180	February 4, 1997	Kusaka et al.
5,637,832	June 10, 1997	Danner
5,663,530	September 2, 1997	Schueller et al.
5,672,542	September 30, 1997	Schwiebert et al.
5,676,853	October 14, 1997	Alwan
5,689,091	November 18, 1997	Hamzehdoost et al.

5,717,252	February 10, 1998	Nakashima et al.
5,735,452	April 7, 1998	Yu et al.
5,741,624	April 21, 1998	Jeng et al.
5,751,068	May 12, 1998	McMahon et al.
5,787,580	August 4, 1998	Woo
5,796,038	August 18, 1998	Manteghi
5,811,184	September 22, 1998	Anderson et al.
5,818,697	October 6, 1998	Armezzani et al.

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,



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Enclosures: Form PTO-1449
Copy of documents cited